

**LIST OF INFORMATION DISCLOSED BY APPLICANT**

(Use several sheets if necessary)

ATTY. DOCKET NO.  
06948-105013SERIAL NO.  
09/578,777FILING DATE  
May 25, 2000APPLICANT  
Michael W. Medin et al.

GROUP

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
BA	AA	4,693,544	09-15-97	Yamasaki et al.			
FA	AB	5,521,733	05-28-96	Akiyama et al.			
	AC						
	AD						

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	COUNTRY	NAME	TRANSLATION YES
AE					
AF					
AG					
AH					

**OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)**

FA	AI	✓	Patent abstracts of Japan vol. 010, no. 080 (P-441), 29 March 1986 (1986-03-29) & JP 60 217315, 30 October 1985
FA	AJ	✓	Patent abstracts of Japan vol. 012, no. 280 (P-739), 2 August 1988 (1988-08-02) & JP 63 060410 16 March 1988
FA	AK	✓	Patent abstracts of Japan vol. 011, no. 144 (P-574), 12 May 1987 (1987-05-12) & JP 61 282803, 13 December 1986 (1986-12-13)
FA	AL	✓	Patent abstracts of Japan vol. 014, no. 189 (P-1037), 17 April 1990 (1990-04-17) & JP 02 034806 5 February 1990
	AM		
	AO		

EXAMINER

FANB3 Absat

DATE CONSIDERED

4/2/02

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

COPY OF PAPERS  
ORIGINALLY FILED

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

## Complete if Known

Application Number	09/578,777
Filing Date	May 25, 2000
First Named Inventor	Michael L. Wach
Group Art Unit	3662
Examiner Name	Not Assigned
Attorney Docket Number	06948.105013

Sheet 1 of 2

## U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. <sup>1</sup>	Document Number	Name	Date	Class	Subclass
FA	AA	5,794,207	Askuk <i>et al.</i>	10/26/1999	385	24
FA	AB	6,219,474	Cai <i>et al.</i>	04/17/2001	385	24
FA	AC	5,917,623	Yoshida	06/29/1999		

## FOREIGN PATENT DOCUMENTS

Examiner Initials *	Cite No. <sup>1</sup>	Foreign Patent Document			Date of Publication of Cited Document DD-MM-YYYY	Country	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number	Kind Code <sup>2</sup> (if known)				
FA	AD	EP	0 611 097	A1	17/08/1994	EPO		✓
FA	AE	JP	02034806		05/02/1990	Japan		✓
FA	AF	JP	10327128		08/12/1998	Japan		
FA	AG	JP	60217315		30/10/1985	Japan		✓
FA	AH	JP	61282803		13/12/1986	Japan		✓
FA	AI	JP	63060410		06/03/1988	Japan		✓
FA	AJ	WO	97/06616		20/02/1997	PCT		✓
FA	AK	WO	99/21316		20/04/1999	PCT		✓
FA	AL	WO	00/72416	A1	30/11/2000	PCT		✓
FA	AM	WO	00/72491	A2	30/11/2000	PCT		✓

Examiner  
Signature

FAYEZ ASSAF

Date  
Considered

4/2/02

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

RECEIVED  
JAN 18 2002  
GROUP 3600

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

(use as many sheets as necessary)

## Complete if Known

Application Number	09/578,777
Filing Date	May 25, 2000
First Named Inventor	Michael L. Wach
Group Art Unit	3662
Examiner	Not Assigned
Attorney Docket Number	06948.105013

Sheet

2

of

2

## OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>6</sup>
FA	BA	Bernacki B. E. et al., "Alignment-Insensitive Technique for Wideband Tuning of an Unmodified Semiconductor Laser" Optics Letters, US, Optical Society of America, Washington, vol. 13, no. 9, 1 September 1988 (1988-09-01), pages 725-727 XP000710590 ISSN: 0146-9592 figure 1	
FA	BB	Clarke R. H., "Fields in Extended Cavity Lasers", IEEE Journal of Quantum Electronics, US, IEEE Inc., New York Vol. 24, No. 5, 1 May 1988 (1988-05-01), pages 833-842, XP000706012 ISSN: 0018-9197 figure 1	
FA	BC	Corzine S.W. et al., "Actively Mode-Locked Gain As P Laser With Subpicosecond Output" Applied Physics Letters, American Institute of Physics. New York, US, vol. 52 no. 5, 1 February 1988 (1988-02-01), pages 348-350, XP000706598, ISSN: 0003-6951, page 348, paragraph 3; figure 1	
FA	BD	Heismann et al., "Electrooptically Tunable Narrow-Linewidth INGAASP-TI:LINB03 Extended Cavity Laser," Optical Fiber Communication Conference., (OFC), US, New York, IEEE, Vol. Conf. 10, 19 January 1987 (1987-01-19), page 149, XP000713166, ISBN: 0-936659-41-6, The whole Document.	
FA	BE	International Search Report dated 16/10/00 for International Application No. PCT/US 00/14571, for application entitled "Optical Feedback Assembly," filed on May 25, 2000.	
FA	BF	International Search Report dated 28/07/00 for International Application No. PCT/US 00/06868, for application entitled "Optical Network Assembly," filed on March 15, 2000.	
FA	BG	Kahn J.M. et al., "High-Stability 1.5M External-Cavity Semiconductor Lasers for Phase-Lock Application" IEEE Photonic Technology Letters, US, IEEE Inc. New York, vol. 1, No. 7, 1 July 1989 (1989-07-01), pages 159-161, XP000053582 ISSN: 1041-1135 the whole document.	
FA	BH	Partial International Search dated 19/10/00 for International Application No. PCT/US 00/14567, for application entitled "Method and System for Increasing the Number of Information Channels Carried by Optical Waveguides," filed on May 25, 2000.	
FA	BI	TACHIKAWA Y., et al., "Arrayed-Waveguide Grating Multiplexer with Loop-Back Optical Paths and its Applications," Journal of Lightwave Technology, IEEE, New York, US, Vol. 14, No. 6, (1 June 1996), pp. 977-984, XP000598501, ISSN: 0733-8724, abstract, parts II, III, IV and V. A.	

Examiner  
Signature

FAVEZ ASAF

Date  
Considered

4/2/02

Atlanta-2239579 v1

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

# LIST OF INFORMATION DISCLOSED BY APPLICANT

(Use several sheets if necessary)

ATTY. DOCKET NO. 06948-105013 SERIAL NO. 09/578,777 FILING DATE May 25, 2000

APPLICANT Michael L. Medin et al. GROUP

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
FA	AA 5,917,623	06.29.99	Yoshida			

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	NAME	TRANSLATION YES NO.
FA	AB 0 611 097 A1	08/17/94	EP	Adar et al.	x
FA	AC 10-327128	12/08/98	Japan	Takashi Yoshida	x
FA	AD WO 97/06616	02/20/97	PCT	Jones et al.	x
FA	AE WO 99/21316	04/29/99	PCT	Alexander et al.	x
FA	AF 60217315	10/30/85	Japan	Nishi Norio	x
FA	AG 63060410	03/16/88	Japan	Kusaka Satoshi	x
FA	AH 61282803	12/13/86	Japan	Kitachi Nishimine	x
FA	AI 02034806	02/05/90	Japan	Ishida Hidetoshi	x

## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

FA	AJ	Kahn J. M. et al., "High-Stability 1.5M External-Cavity Semiconductor Lasers for Phase-Lock Application" IEEE Photonic Technology Letters, US, IEEE Inc. New York, Vol. 1, no. 7, 1 July 1989 (1989-07-01), pages 159-161, XP000053582 ISSN: 1041-1135 the whole document
FA	AK	Clarke R. H., "Fields in Extended Cavity Lasers", IEEE Journal of Quantum Electronics, US, IEEE Inc., New York Vol. 24, No. 5, 1 May 1988 (1988-05-01), pages 833-842, XP000706012 ISSN: 0018-9197 figure 1
FA	AL	Bernacki B. E. et al., "Alignment-Insensitive Technique for Wideband Tuning of an Unmodified Semiconductor Laser" Optics Letters, US, Optical Society of America, Washington, vol. 13, no. 9, 1 September 1988 (1988-09-01), pages 725-727 XP000710590 ISSN: 0146-9592 figure 1
FA	AM	Corzine S.W. et al., "Actively Mode-Locked Gain As P Laser With Subpicosecond Output" Applied Physics Letters, American Institute of Physics. New Your, US, vol. 52 no. 5, 1 February 1988 (1988-02-01), pages 348-350, XP000706598, ISSN: 0003-6951, page 348, paragraph 3; figure 1
FA	AN	Heismann et al., "Electrooptically Tunable Narrow-Linewidth INGAASP-TI:LINB03 Extended Cavity Laser," Optical Fiber Communication Conference., (OFC), US, New York, IEEE, Vol. Conf. 10, 19 January 1987 (1987-01-19), page 149, XP000713166, ISBN: 0-936659-41-6, The whole Document.
FA	AO	International Search Report dated 16/10/00 for International Application No. PCT/US 00/14571, for application entitled "Optical Feedback Assembly," filed on May 25, 2000.
FA	AP	Partial International Search dated 19/10/00 for International Application No. PCT/US 00/14567, for application entitled "Method and System for Increasing the Number of Information Channels Carried by Optical Waveguides," filed on May 25, 2000.
FA	AQ	International Search Report dated 28/07/00 for International Application No. PCT/US 00/06868, for application entitled "Optical Network Assembly," filed on March 15, 2000.

EXAMINER FAYEZ ASSAF

DATE CONSIDERED 4/2/02

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.